REACH
Test Report

Applicant.	:	Dongguan sanyi Zhijie Technology Co., LTD
Address	:	Room 601, Building 2, No. 8 Shahu 2nd Road, Tangxia Town, Dongguan City, Guangdong Province
Manufacturer.	:	Dongguan sanyi Zhijie Technology Co., LTD
Address	:	Room 601, Building 2, No. 8 Shahu 2nd Road, Tangxia Town, Dongguan City, Guangdong Province

The following samples were submitted and identified on behalf of the client as

Sample Name	:	Smart Ring
Model No.	:	SY02
Brand Mark	:	N/A
Sample received Date	:	May. 20, 2025
Test Period	:	May. 20, 2025 to May. 29, 2025
Test Method	:	Please refer to next page(s).
Test Result	:	Please refer to next page(s).

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CONCLUSION:

According to client's request to conduct below tests in the selected parts of the submitted sample:

TEST ITEM	**RESULT**
1. Entry 63 of Annex XVII of the REACH regulation (EC) No.1907/2006 and its subsequent amendments Total Lead (Pb)	**PASS**
2. Entry 23 of Annex XVII of the REACH regulation (EC) No.1907/2006 and its subsequent amendments Total Cadmium (Cd)	**PASS**
3. Entry 27 of Annex XVII of the REACH regulation (EC) No.1907/2006 and its subsequent amendments Nickel release	**PASS**

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Tested by (signature)	:	Kelly Tang
Compiled by (name)	:	Hony Zhou
Approved by (signature)	:	Wendy Chen

Shenzhen Qiqing Technology Co., Ltd. Approved

This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen Qiqing Technology Co., Ltd.

** Version **

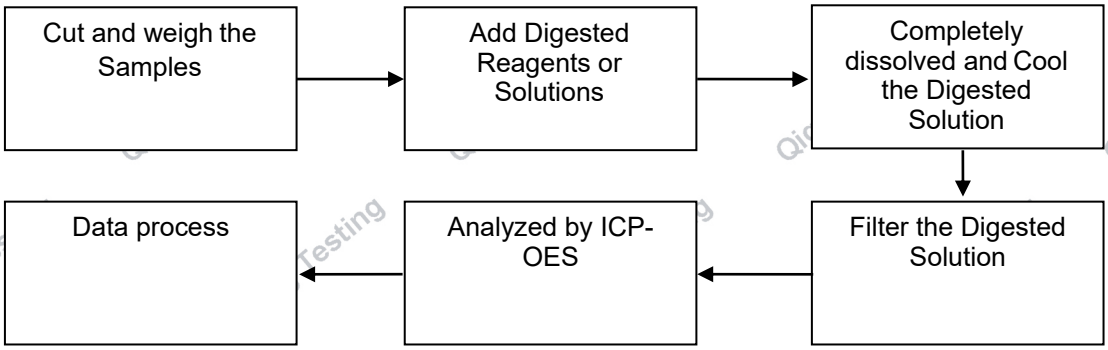
Version No.	Date	Description
00	May. 29, 2025	Original

1. Tested Sample/Part Description:

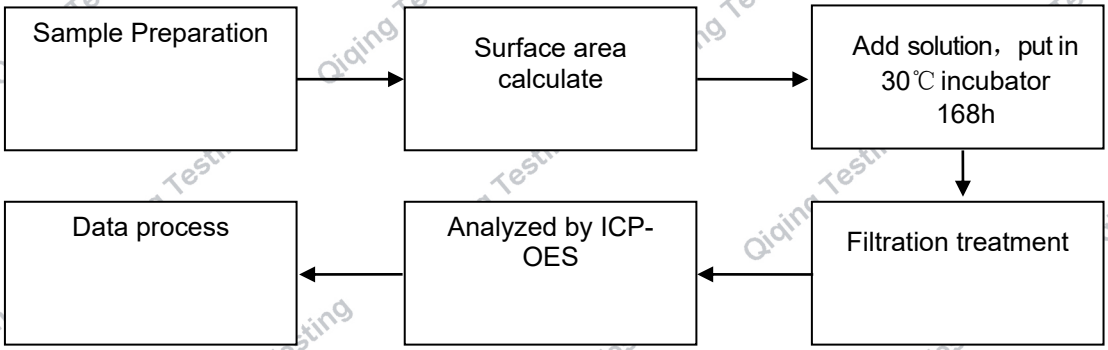
Specimen No.	Component Description(s)	Style
01	Metallic	-

2. Test Flow:

2.1. Lead, Cadmium



2.2. Nickel release



3. Test Results:

3.1. Total Lead (Pb)

Method Used: With reference to IEC62321-5: 2013, was analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Material No.	MDL (mg/kg)	Limit(mg/kg)	Result (mg/kg)	Conclusion
1	2	500	N.D.	PASS

Note:

1) mg/kg = milligram per kilogram (ppm).
2) MDL= method detection limit.
3) N.D.=not detected (<MDL).

3.2. Total Cadmium (Cd)

Method Used: With reference to IEC62321-5: 2013, was analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Material No.	MDL (mg/kg)	Limit(mg/kg)	Result (mg/kg)	Conclusion
1	2	500	N.D.	PASS

Note:

1) mg/kg = milligram per kilogram (ppm).
2) MDL= method detection limit.
3) N.D.=not detected (<MDL).

3.3. Nickel release

Method Used: With reference to EN 1811:2011+A1:2015 & EN 12472:2020, was analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Material No.	Limit ($\mu g/cm^2$/week)	Sample No.	Superficial area(cm^2)	Testing solution volume (mL)	Test Result ($\mu g/cm^2$/week)	Conclusion
1	$0.5^{\#}$	A	3.9	5	＜0.05	PASS
		B	3.9	5	＜0.05	PASS
		C	3.9	5	＜0.05	PASS

Note:

1) $\mu g/cm^2$/week = microgramme/square centimetre/week.
2) Method detection limit=0.05$\mu g/cm^2$/week.
3) "#"= Direct contact with human skin products for a long time, the limit of nickel release is 0.5μg/cm2/week:

   When the result of nickel release greater than or equal 0.88μg/cm2/week, as an unqualified products to be judged.

   When the result of nickel release less than 0.88μg/cm2/week, as a qualified products to be judged.
4) "*" = piercing human skin products, the limit of nickel release is 0.2μg/cm2/week:

   When the result of nickel release greater than or equal 0.35μg/cm2/week, as an unqualified products to be judged.

   When the result of nickel release less than 0.35μg/cm2/week, as a qualified products to be judged.

EUT PHOTOGRAPHS

Figure 1

Figure 2

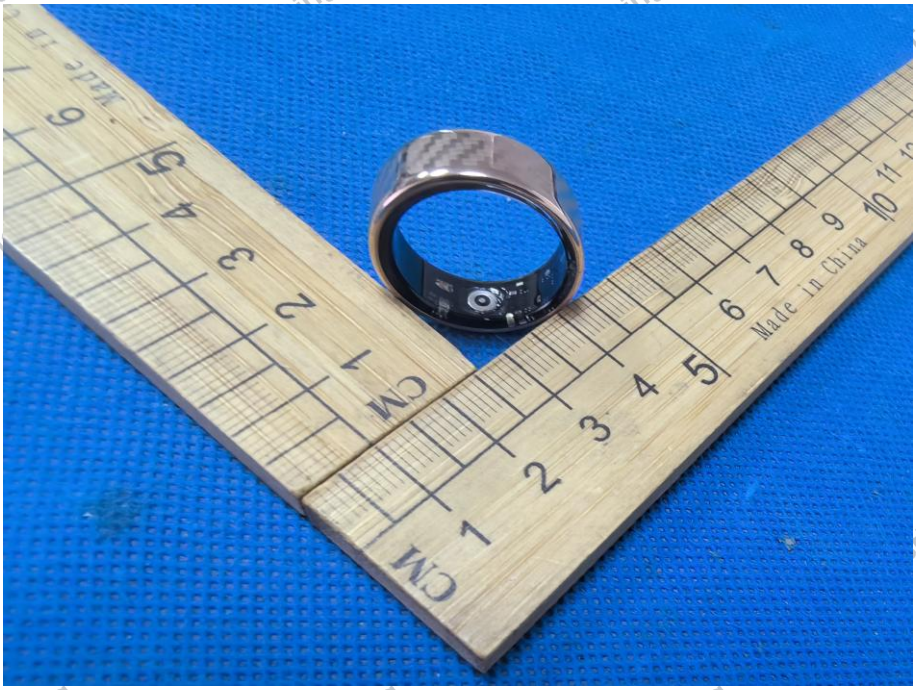


Figure 3

Figure 4

Figure 5

Figure 6

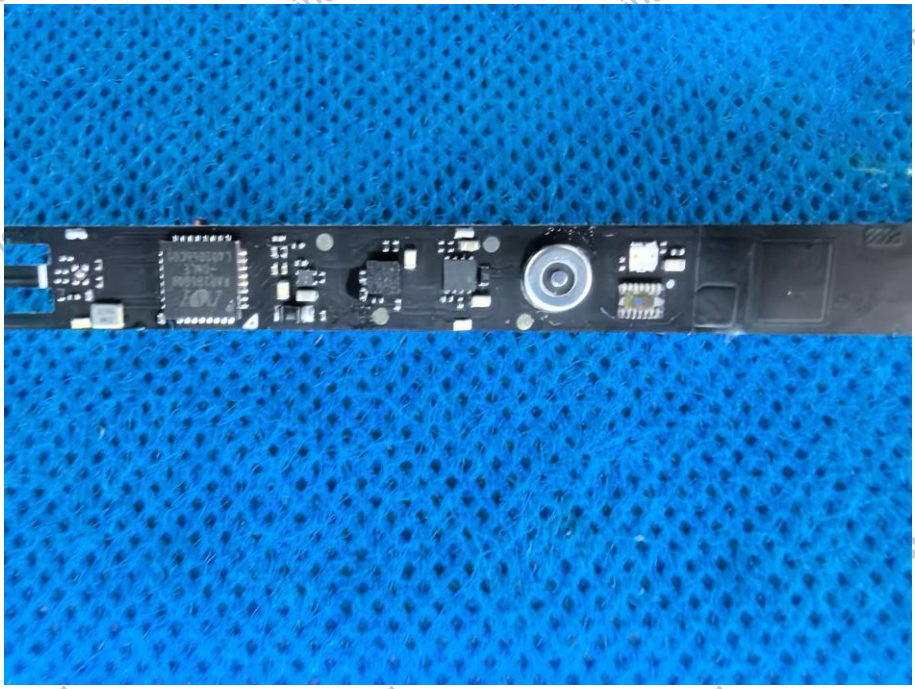


Figure 7

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